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## **ABSTRACT**

In one embodiment, a digitally signed image is embodied in a memory component such as a non-volatile memory. The digitally signed image comprises a post-relocation image and a digital signature. The post-relocation image is an image of a software module altered by a symmetrical relocation function by loading of the image into the memory component. The digital signature is based on the image so that it can be used to analyze data integrity.